

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 203

Country: Chuuk, FSM

Part 1: Recent climate

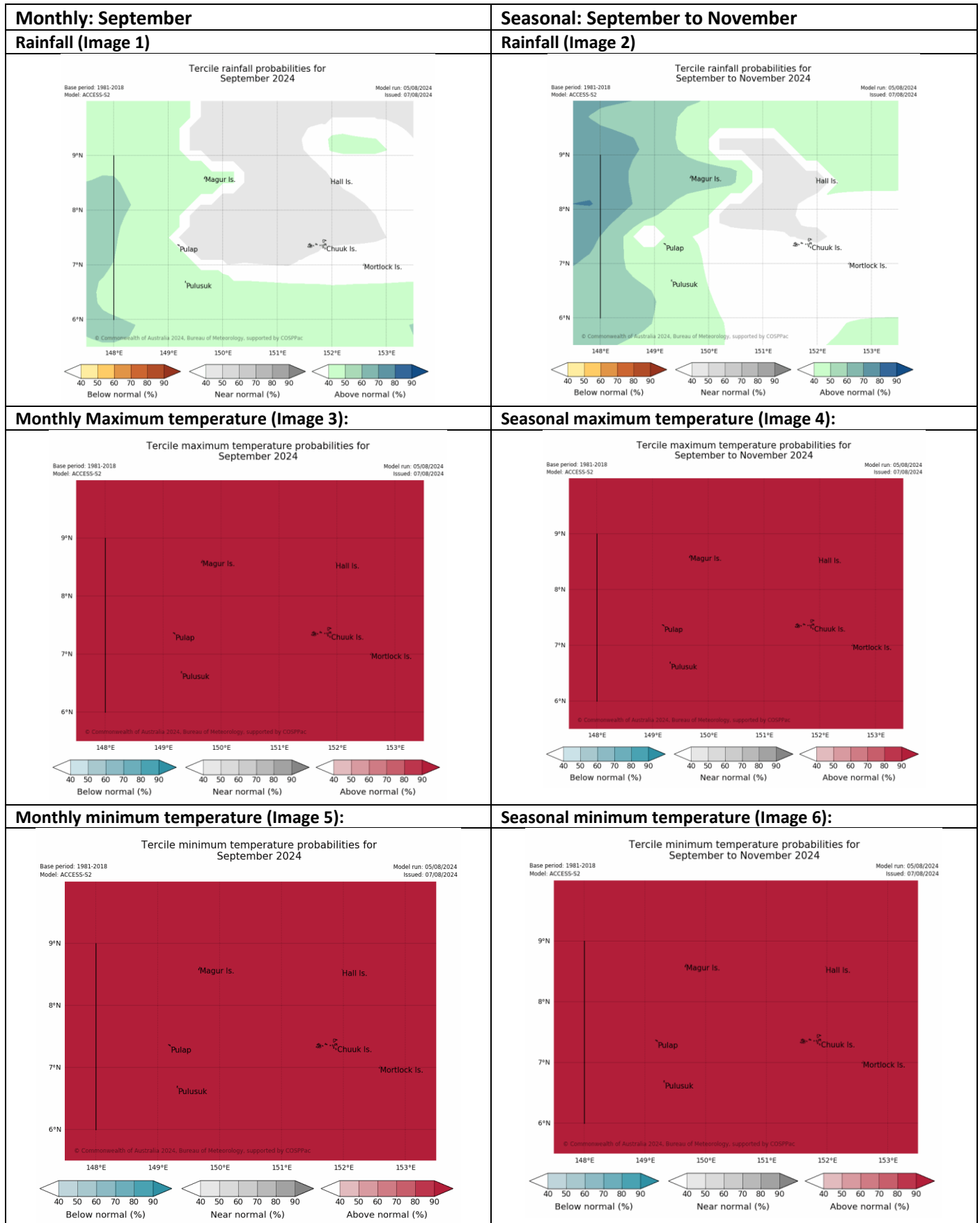
TABLE 1: Monthly Rainfall

Station (include data period)	May-2024	Jun-2024	Jul-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Chuuk (1946-2024)	273.3	390.7	390.4	292.1	372.0	326.6	56/76

TABLE 2: Three-month Total Rainfall for May to July 2024

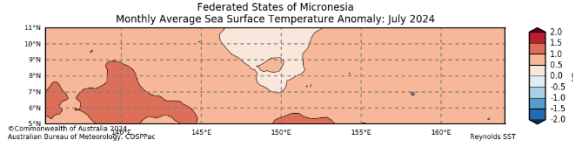
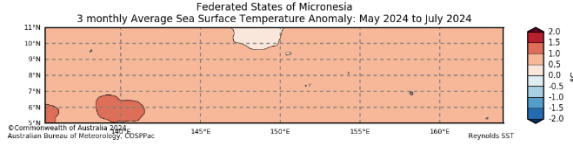
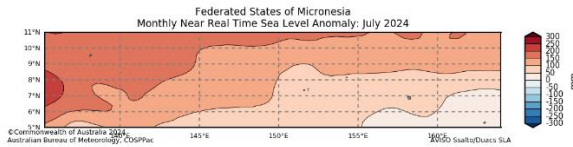
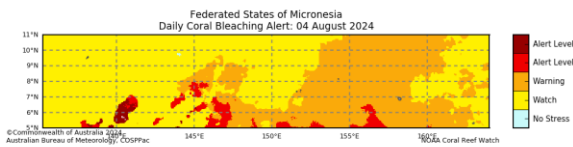
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Chuuk(1946-2024)	1054.4	Normal	888.8	1066.8	1004.4	47/75

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2024

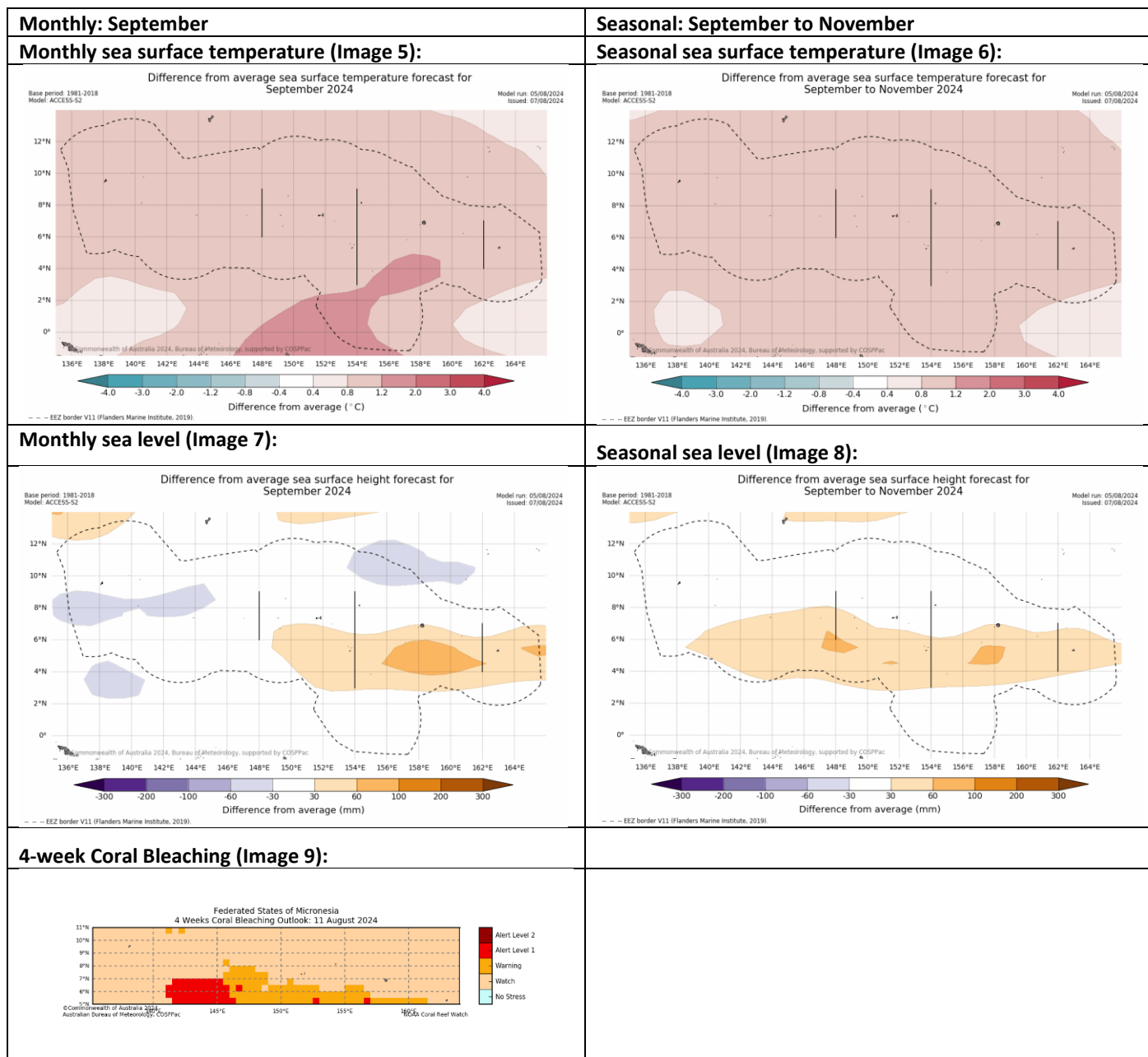


Part 2: Recent Ocean Observation

Monthly/Three months: July 2024 and May to July 2024

Monthly: July 2024	Last three months: May to July 2024:
<p>Sea Surface Temperature (Image 1):</p>  <p>Federated States of Micronesia Monthly Average Sea Surface Temperature Anomaly: July 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	<p>Sea Surface Temperature (Image 4):</p>  <p>Federated States of Micronesia 3 monthly Average Sea Surface Temperature Anomaly: May 2024 to July 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>
<p>Sea level (Image 2):</p>  <p>Federated States of Micronesia Monthly Near Real Time Sea Level Anomaly: July 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>Federated States of Micronesia Daily Coral Bleaching Alert: 04 August 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Coral Reef Watch</p>	

Part 2i. Monthly and Seasonal Outlooks for September and September to November 2024



Summary Statement

Monthly and last three months: July 2024/May to July 2024 statement

The rainfall for July was above normal recorded at Chuuk station and near normal for May to July.

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for September and the September to November season is likely to be above normal for the western portion of the Chuuk region and near-normal for Chuuk Lagoon and the western Hall islands. The outlook for the rest of the islands offers little guidance.

Maximum and minimum temperatures during September and the September to November season are very likely to be above normal for the entire Chuuk region.

Part 2: Recent Ocean summary statement

Monthly and last three months: July 2024/May to July 2024

July ocean temperatures around the western islands of the Chuuk region were near normal at 0.0 to 0.5°C. All other islands were between 0.5 to 1.0°C above normal.

Averaged over May to July, ocean temperatures around the entire Chuuk region were 0.5 to 1.0°C above normal.

July sea levels around the entire Chuuk region were 50mm to 100mm above normal.

There is a coral bleaching Warning around Chuuk Lagoon and Mortlock islands while the rest of the islands are on coral bleaching Watch.

Part 2i. Monthly and Seasonal Outlooks for September and September to November 2024

Ocean Variable statement

September and averaged over September to November, ocean temperatures around the entire Chuuk region are predicted to be 0.8 to 1.2°C above normal.

September and averaged over September to November, sea levels are predicted to be 30mm to 60mm above normal around the southern portion of Chuuk and near-normal elsewhere.

IN BRIEF for Teleconference

- Rainfall was above normal for July and near normal for May at Chuuk station.
- The rainfall outlook generally indicates above normal most likely in September and the September to November season for the western portion of the Chuuk region.
- SSTs were near-normal to above normal for July and above normal for May to July. The outlook shows above normal for the next one and three months,
- Sea-surface heights (SSHs) were above normal for July. Above normal sea surface heights are predicted for September and September to November.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: July 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Climate Bulletin		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7			
EAR Watch		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7			
Monthly Climate Briefing								
Ocean Outlook		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7			
Climate data request								
Total			45	24	21			